



# Electronic Filing System (EFS) Data

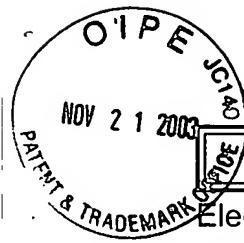
## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 51043  
Application ID: 10649885   
Title of Invention: Multiple Failure Detection  
Shutdown Protection Circuit for  
an Electronic Ballast  
First Named Inventor: Thomas Stack  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-08-26  
Effective Receipt Date: 2003-11-21  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 7827  
Attorney Docket Number: QTI-10502/01

#### Total Fees Authorized:

Digital Certificate Holder: cn=John Gregory Posa,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: e63518d1102d1251d28ae4c964ef8bbcca8b4ebe



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	Multiple Failure Detection Shutdown Protection Circuit for an Electronic Ballast	
Application Number:	10/649885	
Date:	2003-08-26	
First Named Applicant:	Thomas Stack	
Confirmation Number:	7827	
Attorney Docket Number:	QTI-10502/01	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
John G. Posa Registered Number: 37424	/John G. Posa/	Attorney
Documents being submitted us-ids	Files QTI10502-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Multiple Failure Detection Shutdown Protection Circuit for an Electronic Ballast
--------------------	--

Application Number: 10/649885



Confirmation Number: 7827

First Named Applicant: Thomas Stack

Attorney Docket Number: QTI-10502/01

Search string: ( 6198226 or 6008592 or 5930126 or 5889370  
or 6222322 or 5789870 or 5636111 or 6420838  
or 6331755 or 5475284 or 5451845 or 4667131  
or 4554487 or 3699382 or 20020114114 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6198226	2001-03-06	Koskuba, Jr.		315	169.3
	2	6008592	1999-12-28	Ribarich		315	225
	3	5930126	1999-07-26	Griffin et al		363	37
	4	5889370	1999-03-30	Arai et al		315	85
	5	6222322	2001-04-24	Stack		315	119
	6	5789870	1998-08-04	Remson		315	194
	7	5636111	1997-06-03	Griffin et al		363	37
	8	6420838	2002-07-16	Shackle		315	224
	9	6331755	2001-12-18	Ribarich et al		315	225
	10	5475284	1995-12-12	Lester et al		315	209R
	11	5451845	1995-09-19	Ribarich		315	225
	12	4667131	1987-05-19	Nilssen		315	275
	13	4554487	1985-11-19	Nilssen		315	224
	14	3699382	1972-10-17	Franke		315	92

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020114114	2002-08-22	Schmitt		361	18

Signature

Examiner Name	Date